



PATENT ABSTRACTS OF JAPAN

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(57) Abstract:

PROBLEM TO BE SOLVED: To provide an endoscope which has the endoscope insertion part inserted to a narrow part placed in the depth of an access route and check and observe an examination part in the narrow part by eyes.

SOLUTION: An industrial endoscope 2 is a fiber scope which has a bend knob 10 and an eyepiece part 11 in an endoscope operation part 4, and a long-sized endoscope insertion part 5 about 5m long is connected to the front end side of this endoscope operation part 4, and a light guide cable 12 where a light guide fiber is incorporated and a light source connector freely attached to and detached from a light source device 3 is provided in the front end part is extended from the side part of the endoscope operation part 4. The long-sized endoscope insertion part 5 is flexible and is divided into a flexible long-sized large-diameter part 8, which forms the rear side from the front side of the endoscope operation part 4 to the front end part of a bend part 6, and a small-diameter part 9 which forms the front side from the front end part of a connection member 21 arranged in the front end part of the bend part 6 to the

front end face of an endoscope front end part 7 and can be inserted to the narrow part.

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